

BENZAMIDE DERIVATIVE AND HERBICIDE CONTAINING THE SAME**Publication number:** JP56083458 (A)**Publication date:** 1981-07-08**Inventor(s):** TAKEMATSU TETSUO; HOUYA MASAOKI; KANASHIKI TOSHITAKA**Applicant(s):** HODOGAYA CHEMICAL CO LTD**Classification:**

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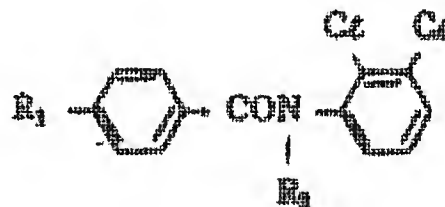
JP1446712 (C)

Abstract of JP 56083458 (A)

NEW MATERIAL: The titled compound of the formula (R₁ is alkyl, alkoxy, etc.; R₂ is alkyl, alkenyl, etc.).

EXAMPLE: 4-Methyl-N-allyl-N-(2,3-dichlorophenyl)-benzamide. **USE:** A herbicide having improved effects on gramineous weeds, e.g. sprangletop or barnyard grass, by the soil treatment under flooded conditions. The herbicide is a highly selective one without phytotoxicity to trans-planted rice plants.

PROCESS: A benzoyl chloride is reacted with 2,3-dichloroaniline in the presence of a base, e.g. K₂CO₃ or pyridine, to give a benzamide derivative in which the N part is unsubstituted. The resultant derivative is then reacted with sodium hydride and a halide in an organic solvent, e.g. acetone or benzene, to afford the compound of the formula.



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